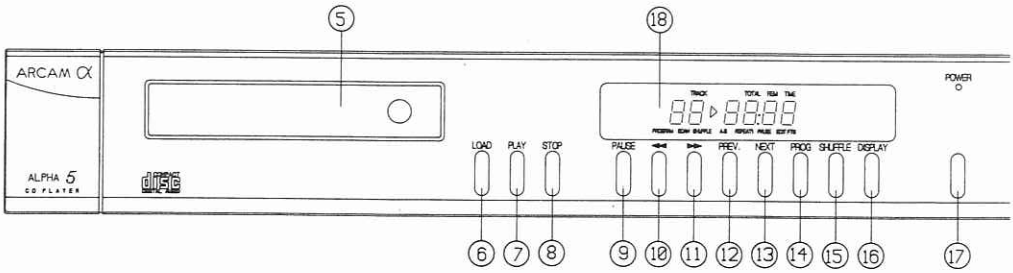
ARCAM

ALPHA 5 CD PLAYER
HANDBOOK


ARCAM α
ALPHA 5
CD PLAYER
TRACK
TOTAL REM TIME
POWER
LOAD
PLAY
STOP
PAUSE
PREV.
NEXT
PROG
SHUFFLE
DISPLAY
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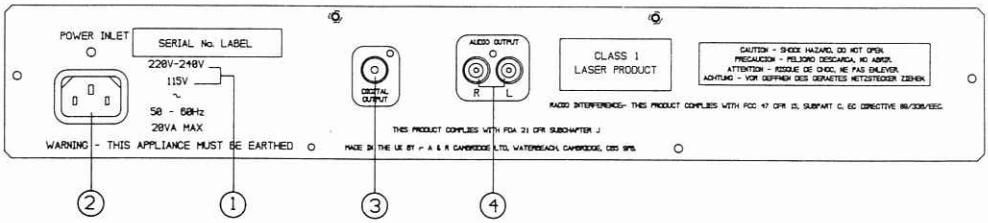
POWER INLET
SERIAL No. LABEL
220V-240V
115V
50 - 60Hz
20VA MAX
WARNING - THIS APPLIANCE MUST BE EARTHED
DIGITAL OUTPUT
AUDIO OUTPUT
R
L
CLASS 1
LASER PRODUCT
CAUTION - SHOCK HAZARD, DO NOT OPEN.
PRECAUCION - PELIGRO DESCARGA, NO ABRIR.
ATTENTION - RISQUE DE CHOC, NE PAS ENLEVER.
ACHTUNG - VOR GEFAHR DES GERAETES NICHT ZERLEGEN.
RADIO INTERFERENCE- THIS PRODUCT COMPLIES WITH FCC 47 CFR 15, SUBPART C, EC DIRECTIVE 89/336/EEC.
THIS PRODUCT COMPLIES WITH FDA 21 CFR SUBCHAPTER J
MADE IN THE UK BY A & R CAMBRIDGE LTD, WATERBEACH, CAMBRIDGE, CB5 9PB.
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TECHNICAL SPECIFICATION

Playback system - 16 bit Compact Disc Digital Audio, using ultra linear dual DACs and high performance analogue filter and output stages.

Optical read-out system

Laser type	semiconductor Al Ga As
Numerical Aperture	0.45
Wavelength	800nm

Typical Audio Performance (20Hz - 20kHz unless otherwise stated)

Frequency response	± 0.1dB 10Hz-10kHz ± 0.2dB at 20kHz
Channel balance	± 0.2dB
Channel phase balance	± 0.5deg.
T.H.D.	0.007% at 1kHz, 0dB
Signal to noise ratio	105dB CCIR/ARM weighted
Dynamic range	96dB
Channel separation	90dB at 1kHz
Output level	2.4V rms at MSB (0dB)
Output impedance	22ohms
Minimum load impedance	5k ohm
Power consumption	20VA
Size W/D/H mm.	430x254x76
Weight	3.8kg nett. 4.8kg packed
Supplied accessories	remote control handset (inc batteries) mains lead

E & O E.

INSTALLATION

① Check that your mains supply voltage agrees with the voltage setting indicated on the rear panel of the unit.

- If your mains supply voltage is different, consult your Arcam dealer.

MAINS SAFETY

- This product is normally supplied with a moulded mains plug already fitted to the lead. If for any reason the plug needs to be removed, **it must be disposed of immediately and securely**, as it is a potential shock hazard when inserted into a mains socket.
- If the plug is removed then the remaining lead must be rewired as follows:

- The **blue** wire must be connected to the terminal which is coloured **blue** or marked with the letter **N**.
- The **brown** wire must be connected to the terminal which is coloured **brown** or marked with the letter **L**.
- The **green and yellow** wire must be connected to the terminal which is coloured **green and yellow**, or marked with the letter **E** or the safety earth symbol.

- When replacing the fuse in the supplied moulded mains plug, the integral fuse holder/cover must always be refitted.

- **Warning:** This apparatus must be earthed.

MAINS SUPPLY CONNECTIONS

② Insert the IEC line socket of the main lead fully into the power inlet on th rear panel. Connect the other end t your mains supply.

- For optimum sonic performance, th digital to analogue converter (DAC) i the Alpha 5 CD player is kept powere up at all times that the unit is connecte to the mains supply. The front pane power switch powers down all ot circuitry.

This means that even though th power switch is off, it may be possibl to hear a slight residual hum emanatin from the mains transformer inside th CD player. This is perfectly normal. I for any reason, you ever wish to switc off the player completely we sugges you do this at the mains wall socket.

DIGITAL & AUDIO CONNECTIONS

③ DIGITAL OUTPUT - For use with a separate digital to analogue converte (DAC) or digital recorder. Connect t the unit's digital input using a suitabl digital cable.

④ AUDIO OUTPUT - Connect to y amplifier's CD or AUX input using a suitable interconnect cable.
Insert the red phono plugs into the sockets labelled 'R' and the other plugs into the sockets labelled 'L'.

Note that inferior quality cables will degrade the sound quality of your system. See your "Hints and Tips" handbook for more information.

OPERATION

⑤ DISC DRAWER - Accepts both 8cm and 12 cm discs. Place the disc in the tray, label side uppermost.

⑥ LOAD - Opens and closes the disc drawer. The drawer can also be closed by gently pushing it inwards approximately 5mm. The drawer will then close by itself.

⑦ PLAY - Press to play a disc or programmed selection. Pressing PLAY when the disc is already playing will restart the same track. To restart the disc from track 1, press STOP and then PLAY.

⑧ STOP - Press once to stop the disc. Pressing STOP twice will cancel selections programmed into the memory.

⑨ PAUSE - Press to pause the disc. Press PLAY to resume play.

⑩,⑪ ◂◂ ▸▸ - To search for a particular passage during play, press ◂◂ or ▸▸.

⑫,⑬ PREV, NEXT - To begin play at a desired track, press PREV or NEXT to locate the desired track then press PLAY. To select another track during play, press PREV or NEXT to locate the track. The player will automatically select PLAY mode.
The ⏮ TRACK ⏭ keys on the remote control have the same function.

⑭ PROG - Allows you to programme a selection of up to 20 tracks from a disc in any order. To programme the disc, press PREV or NEXT to locate the desired track(s). Press PROG to programme the track number(s) into the memory.
Repeat this procedure to programme up to 20 tracks. Now press PLAY. The display will indicate the track numbers as they are programmed.

⑮ SHUFFLE - Press to play all the tracks on the disc in a random order.

⑯ DISPLAY - Turns the display on and off. Switching the display off will generally give a small improvement in sound quality.

⑰ POWER - Switches the unit on and off.
If the unit is to be left unused for an extended period, we recommend that it is disconnected from the mains supply.

⑱ FLUORESCENT DISPLAY - Informs you of the functions of the player. It also houses the remote receiver. Ensure this is not obscured or commands from the remote control handset will not be received.

OPERATION BY REMOTE CONTROL

Additional functions available on the remote control are:

- 0-9 Keypad - Allows direct access to individual tracks on the disc.
  To select a track simply press the corresponding keypad button(s). The track will then be played automatically.

- REPEAT - To repeat an entire disc, press PLAY and REPEAT. "REPEAT" will be illuminated on the fluorescent display. To repeat a single track, programme the desired track first (see ⑬), then press PLAY and REPEAT. To repeat a selection of tracks (up to 20), programme the tracks first (see ⑬), then press PLAY and REPEAT. To cancel the repeat function, press REPEAT a second time or until "REPEAT" goes off on the display.

- SCAN - Plays the first 10 seconds of each track in sequence. The track number will be indicated on the display while SCAN is selected. To continue listening to a "scanned" track, press PLAY.

- STBY - Switches the player to standby mode. To switch on again, press STOP, PLAY or LOAD (on the front panel). When the player is not in use, switching to standby will ensure the circuits are kept "warmed up". This will ensure the best possible performance is always achieved.

- VOLUME - Adjusts the volume control of Arcam amplifiers (certain models only).

Please Note: DISP and TIME do not operate with the Alpha 5 CD player. These functions are reserved for Arcam's Delta 270 and Delta 250 models which use the same remote control handset.

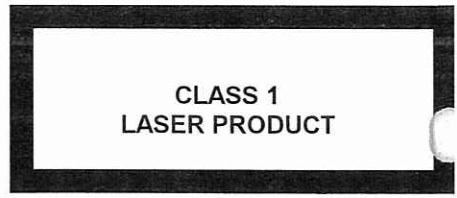
RADIO INTERFERENCE

- The Alpha 5 CD player is a digital audio device which has been designed to very high standards of electromagnetic compatibility.

- **EC COUNTRIES**: This product has been designed to comply with directive 89/336/EEC.

SAFETY STANDARD

- This product has been designed to meet the IEC 65 international electrical safety standard.



CAUTION: INVISIBLE LASER RADIATION WHEN THIS UNIT IS OPENED, AVOID EXPOSURE TO BEAM.